

FIG. 1



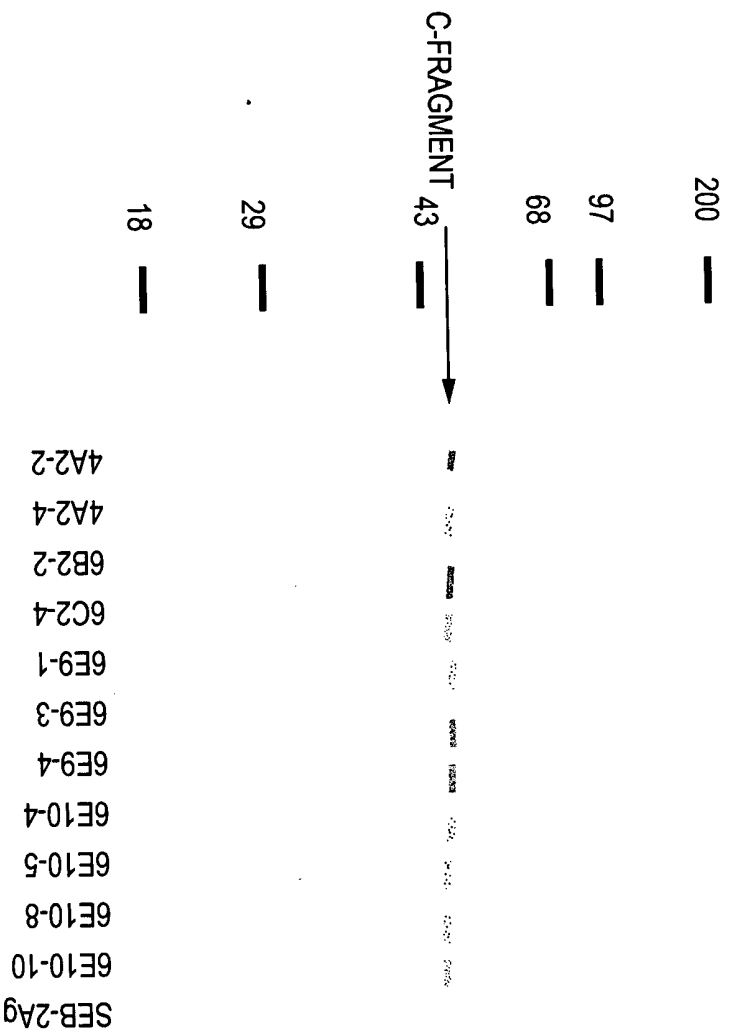
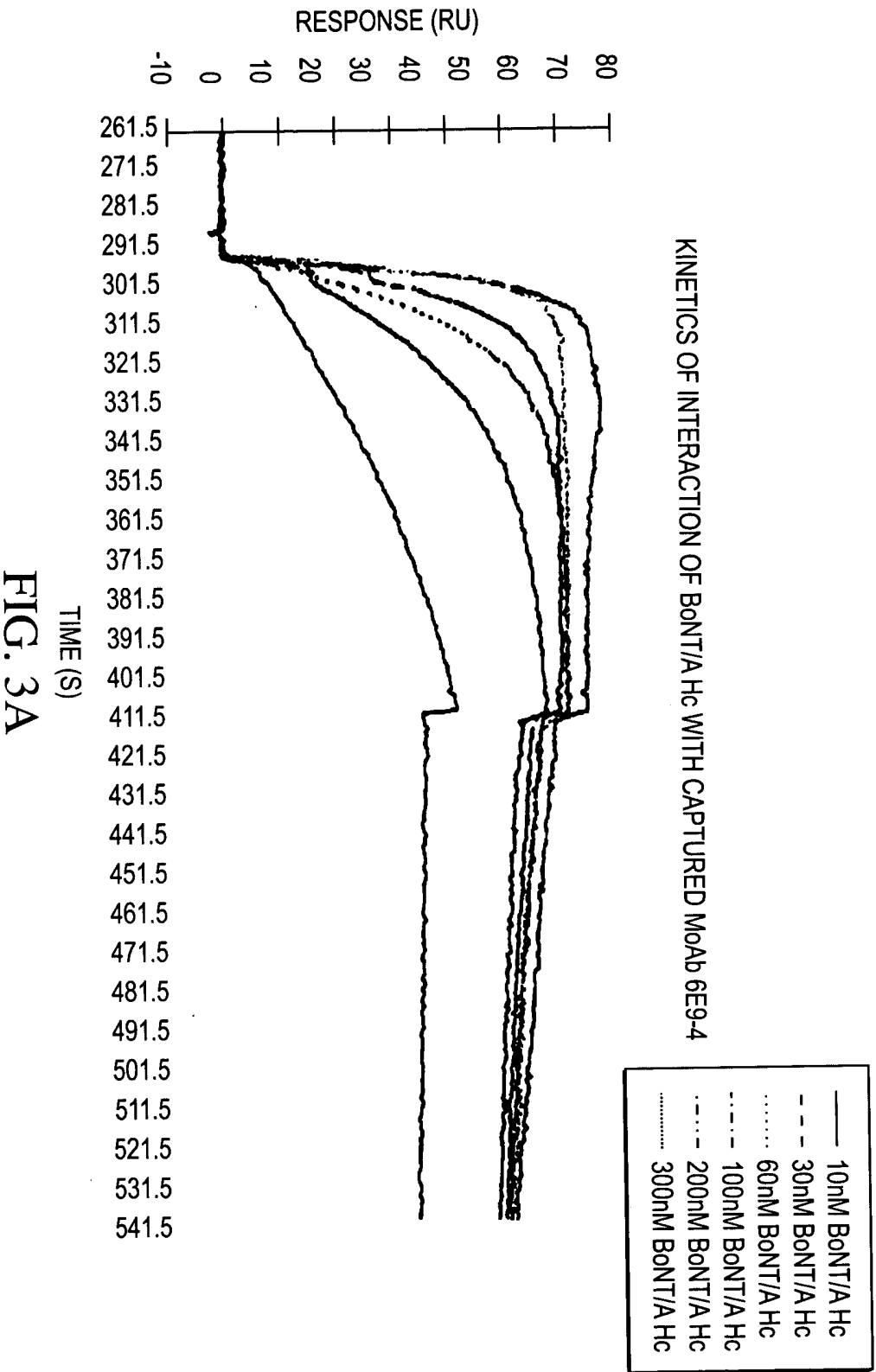
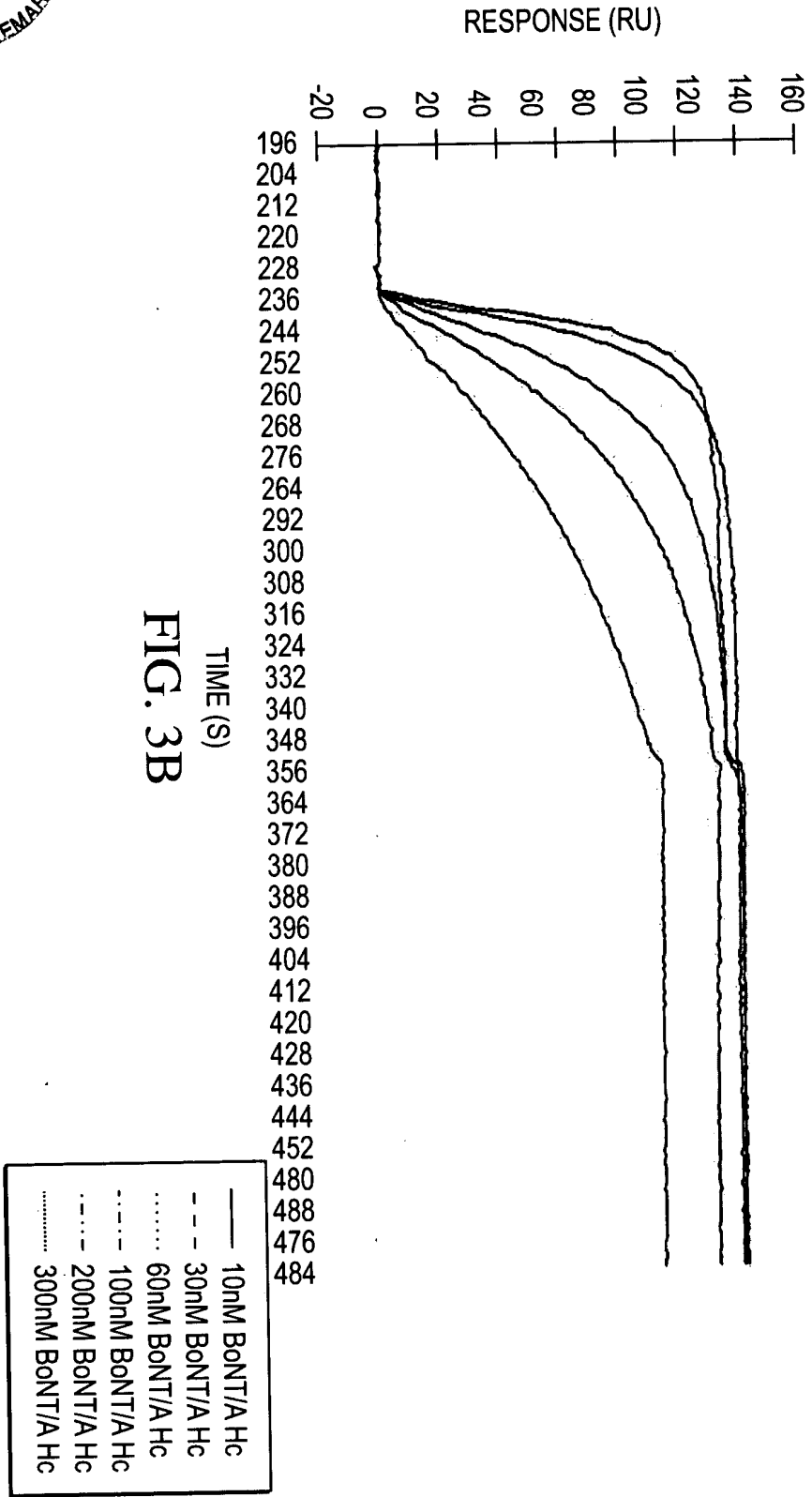


FIG. 2





KINETICS OF INTERACTION OF BoNT/A Hc WITH CAPTURED MoAb 6B2-2



EPTOPE MAPPING: 4A2-2

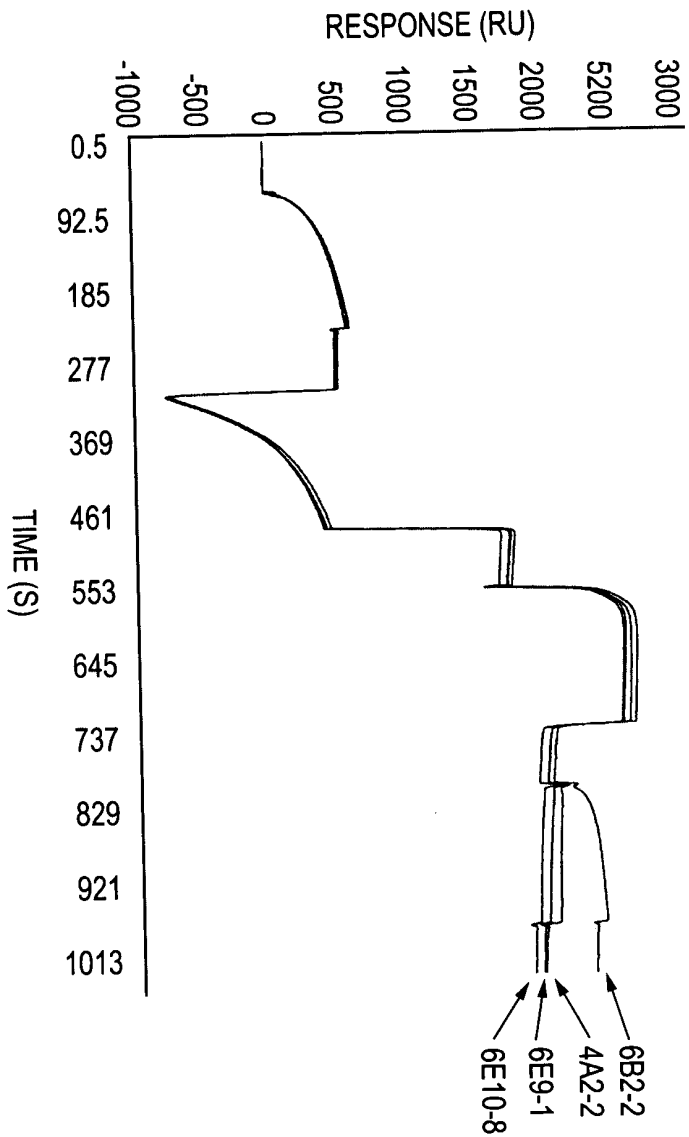


FIG. 4



EPITOPE MAP OF BoNT/A mAbs

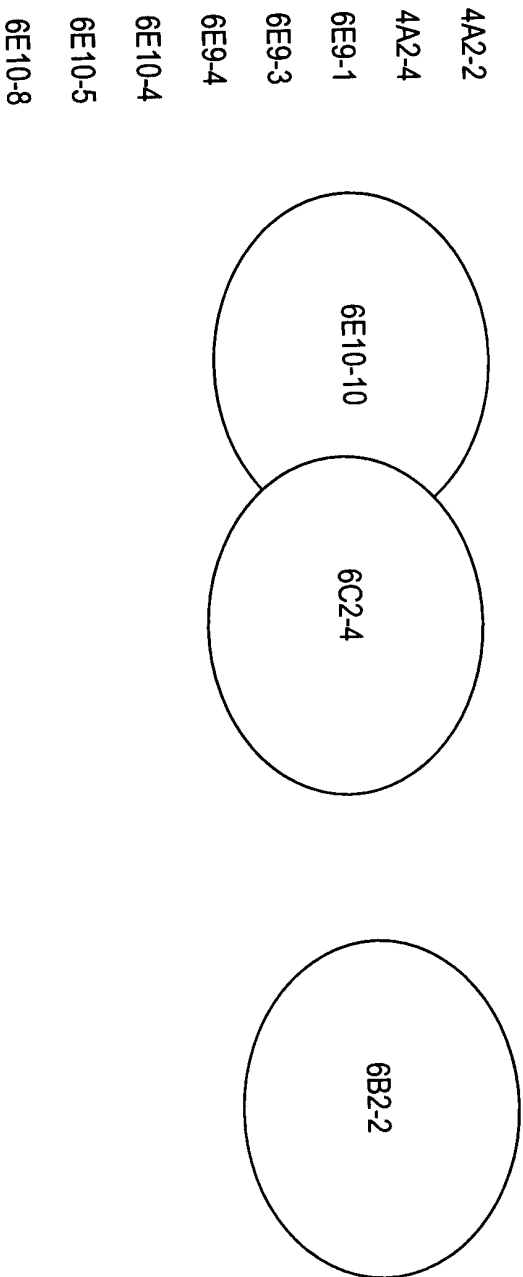


FIG. 5



1 2 3 4 5 6 7 8 9 10 11 12

97 -  
68 -

43 -  
29 -

18 -  
6E9-1 4A2-2 6C2-2 SEB-2A9

FIG. 6



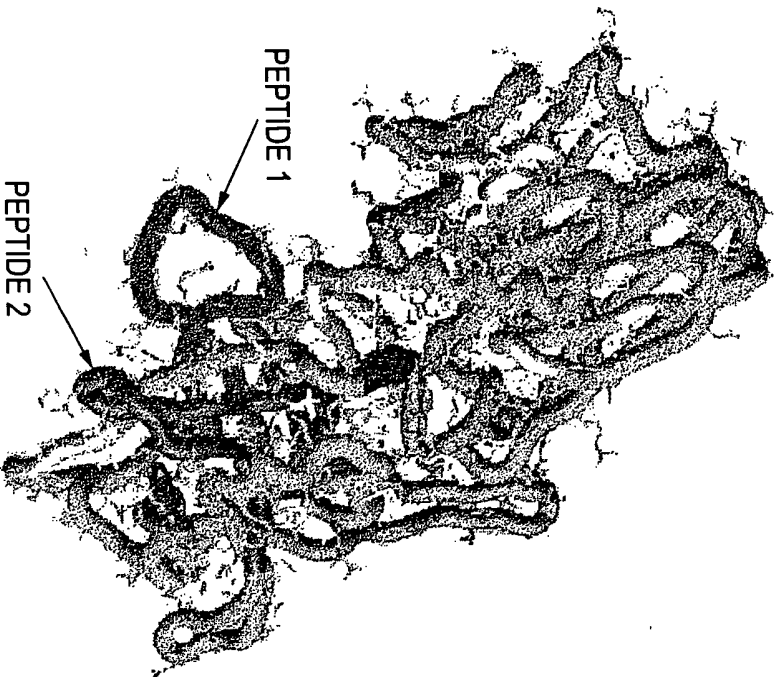


FIG. 7A

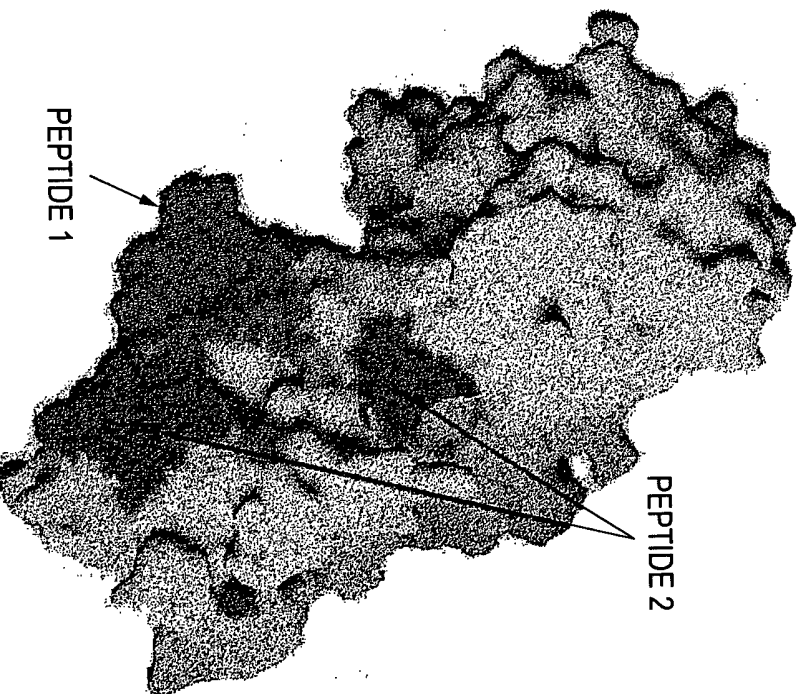


FIG. 7B



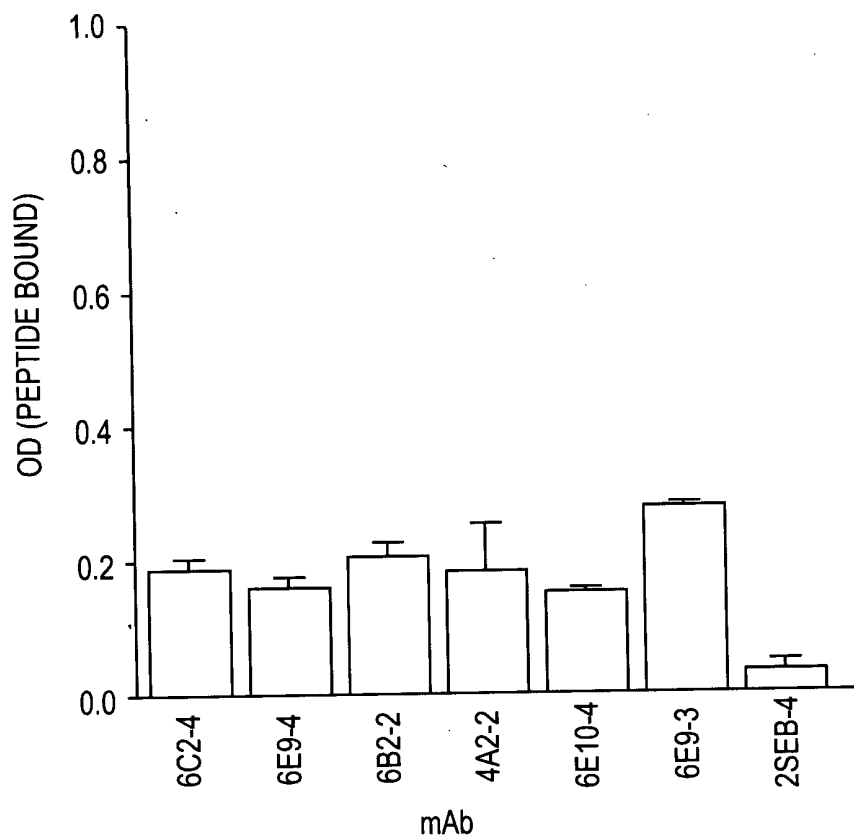


FIG. 8A



Serial No. 09/465,276 filed 12/16/1999  
"Antibodies Against Type A Botulinum Neurotoxin"  
Inventors: Sina Bavari, et al.  
Docket No. 003/175/SAP  
Ms. Elizabeth Arwine, 301-619-7808

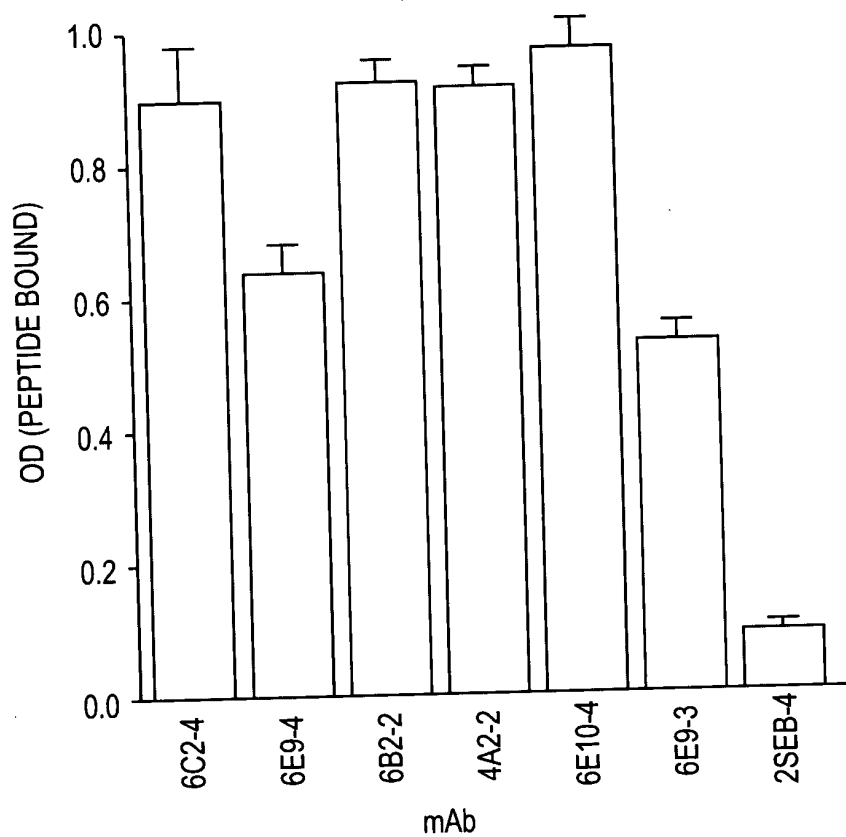


FIG. 8B

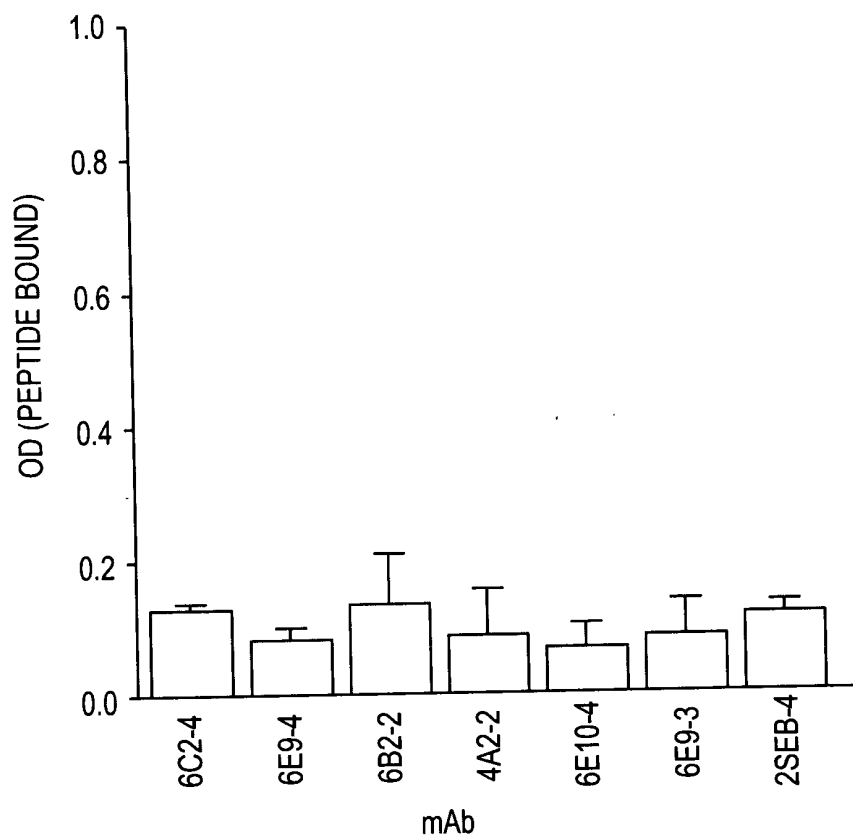
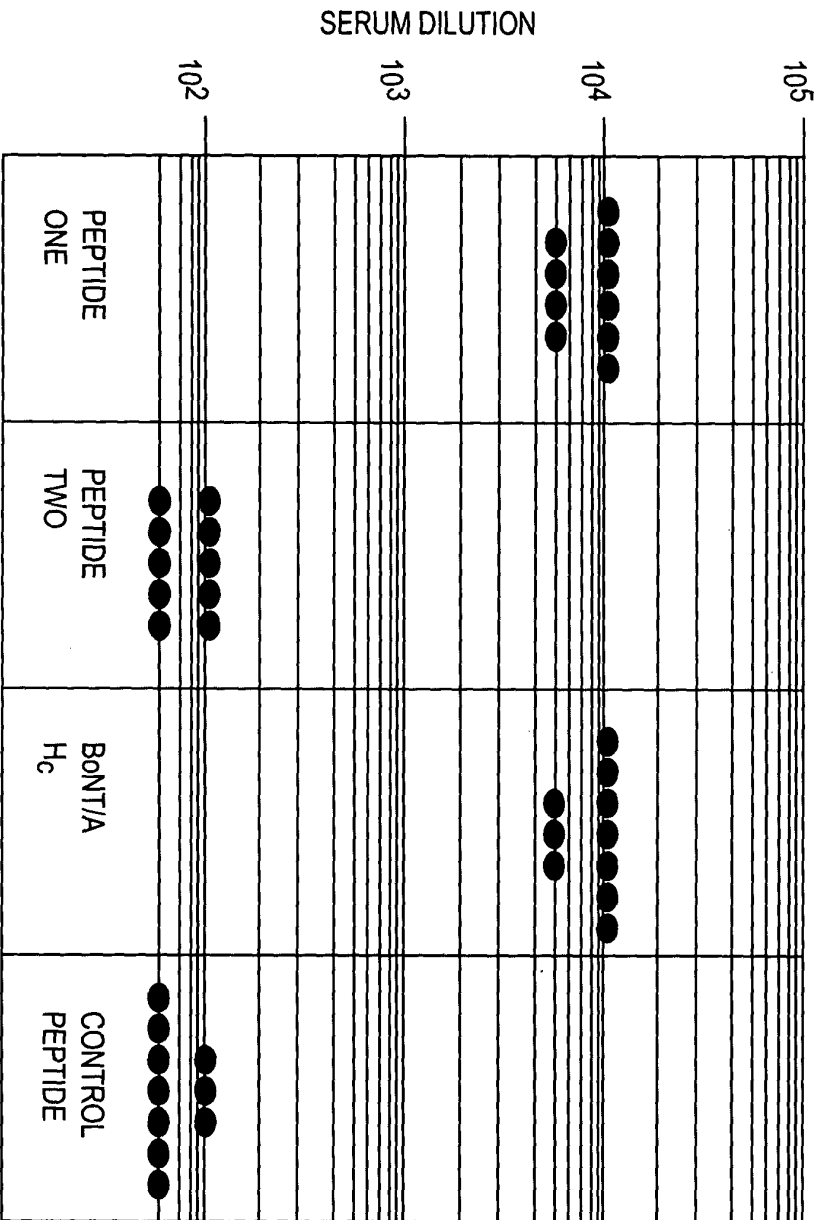


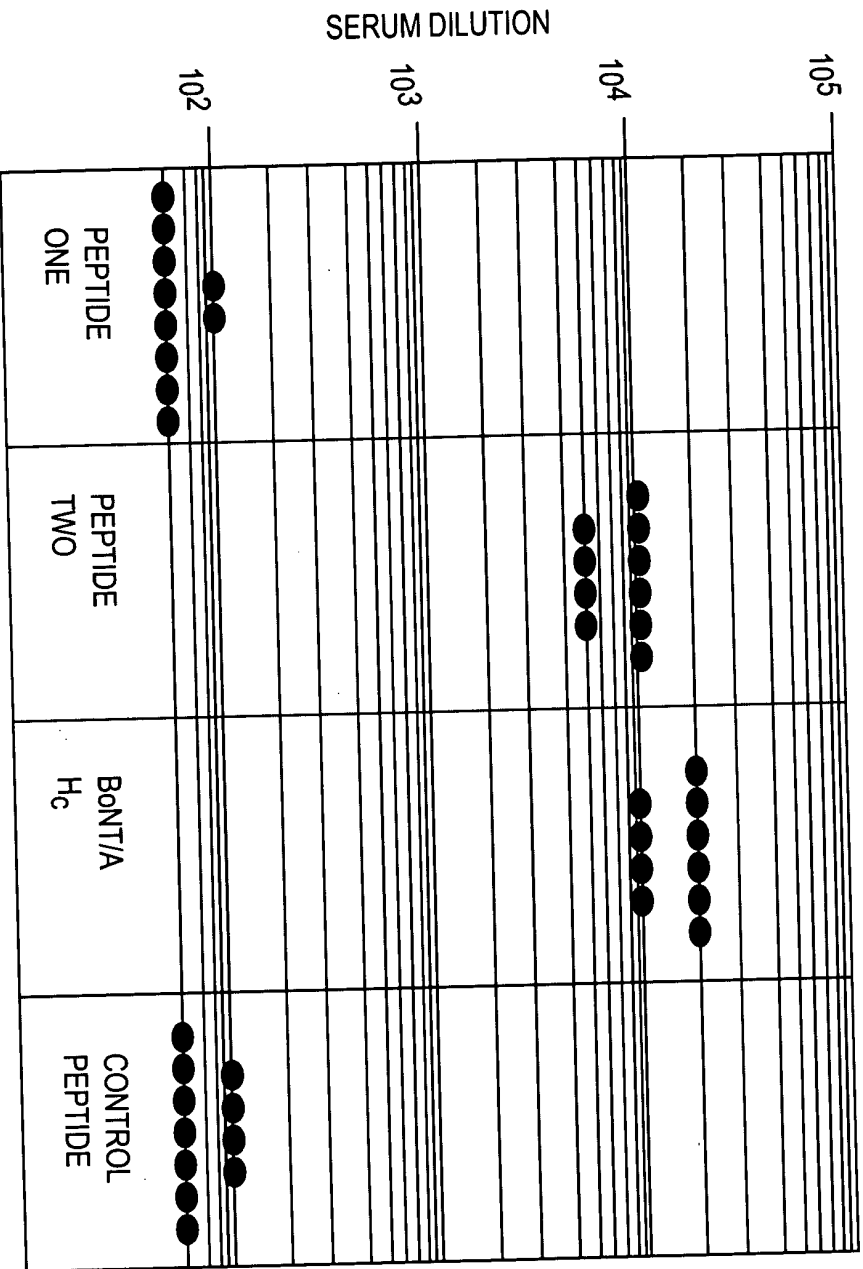
FIG. 8C



IMMUNIZING AGENT

FIG. 9A

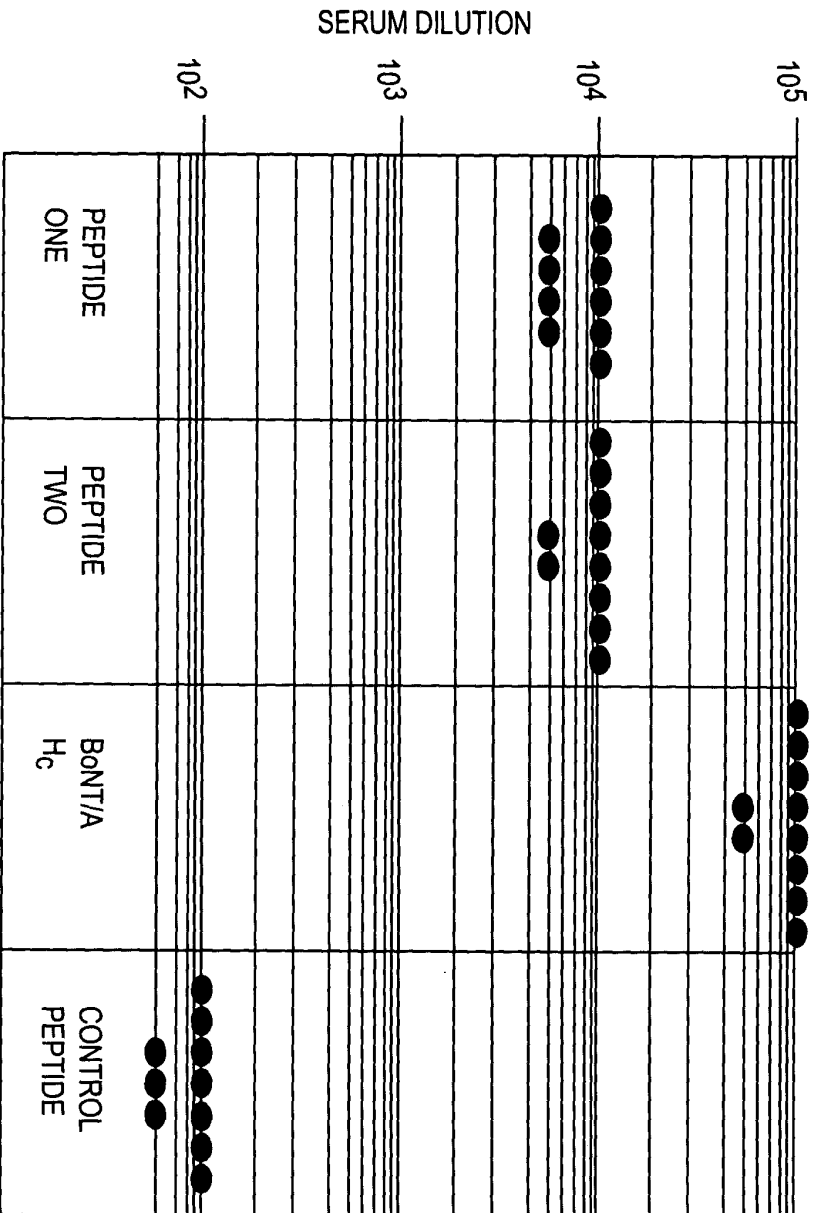




IMMUNIZING AGENT

FIG. 9B





IMMUNIZING AGENT

FIG. 9C



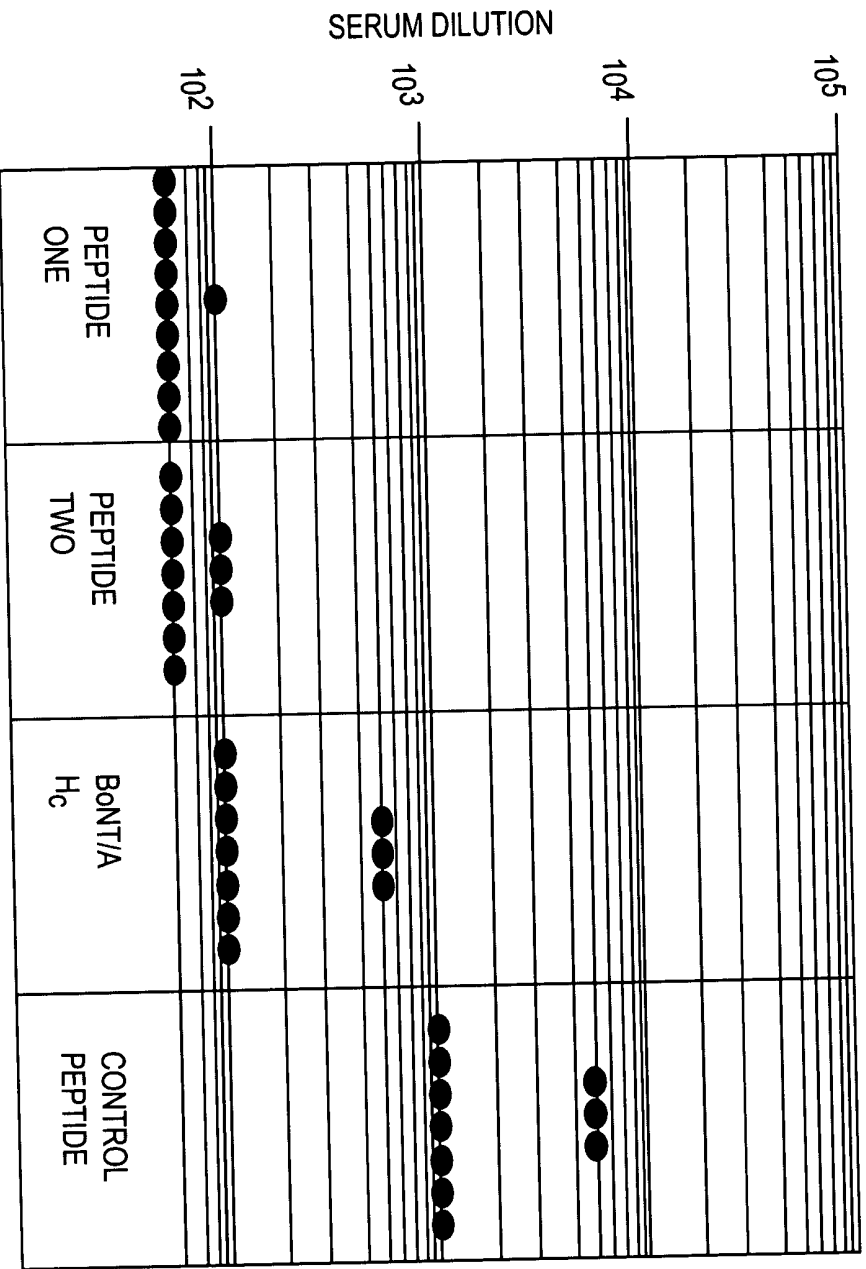


FIG. 9D

